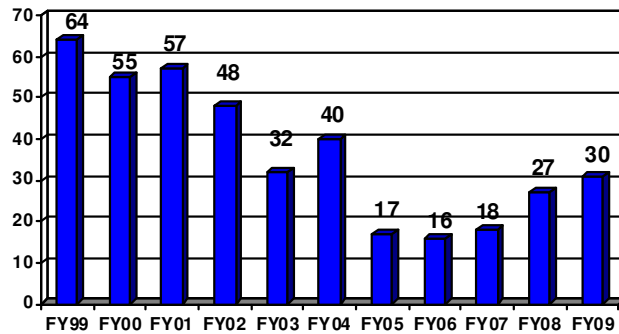


Value Engineering Program

Studies Conducted FY 99 – FY 09



- In 2001, the cost threshold for required Value Engineering was raised from \$2 million to \$5 million

Value Engineering Program

History

Since its creation in 1990, the VE Program has:

- Conducted 956 studies
- Achieved \$582.8 million in savings/cost avoidance
- Submitted 4,503 recommendations; 2,510 (56%) have been accepted
- Developed 1,606 quality improvements
- Realized \$43:1 in savings/cost avoidance for every program dollar spent



Virginia Department of Transportation
Scheduling and Contract Division
Value Engineering (VE)
1401 East Broad Street
Richmond, Virginia 23219
Phone: (804) 786-1630

Value Engineering

Staff

Ron F. Garrett, CVS, State VE Manager
Richmond District
(804) 840-5704
Ron.Garrett@VDOT.Virginia.gov

William M. Finney, CVS, VE Manager
(804) 840-2609
Mike.Finney@VDOT.Virginia.gov

Virginia Department of Transportation

Scheduling and Contract Division

Value Engineering

Annual Report

FY 09

(July 1, 2008 – June 30, 2009)

Value Engineering Program

Accomplishments FY 09

- Conducted VE studies on 28 construction and maintenance projects, and 2 special projects; a total of 30 studies that resulted in 66 recommendations.
 - Recommendations submitted to the Chief Engineer included actions to minimize environmental impact, enhance operational performance or improve constructability.
 - Achieved \$17.6 million in savings/cost Avoidance with a 71% acceptance rate.
- Realized a Return on Investment of 35:1.
- Facilitated project scoping meetings and condensed VE Studies.
 - Facilitated constructability reviews at the request of several districts.
 - Served as AASHTO VE Technical Committee Representative.

Value Engineering Program

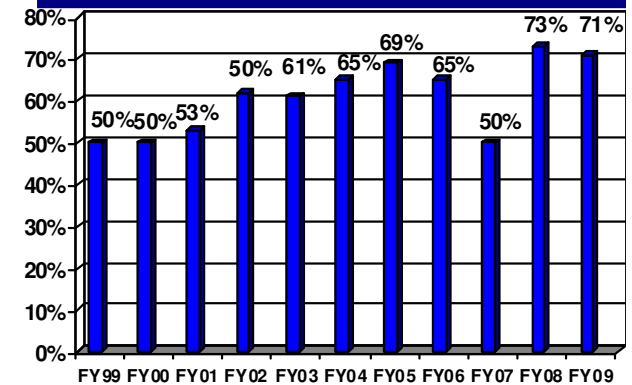
Mission

Obtain optimum value from transportation funds through the application of the VE process:

- Improve project quality
- Reduce overall life-cycle costs
- Promote innovation in highway design and construction
- Provide training in Value Engineering methods and principles

FY 99-09

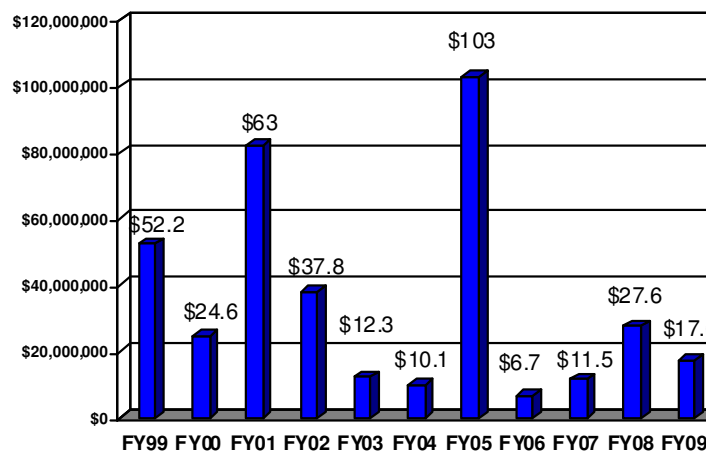
Accepted Recommendations



- Accepted by VDOT management and incorporated into project plans

FY 99-09

Savings/Cost Avoidance



FY 99-09

Return on Investment

